

## **Pre-Release B Testbed HW/SW Mapping**

### ***COTS Categories***

<b>COTS categories</b>	<b>COTS</b>
Infrastructure	Operating System, DCE Client, OODCE libraries (except IRIX), SNMP Agent, Sybase Client (xalib, dblib, ctlib using dbtools.h++), tool.h++, dbtools.h++, Legato Networker Client, Motif, X11R5 (SUN, HP), X11R6 (SGI)
Security	TCPWrapper, Tripwire
SSI&T Compilers	Platform Specific F77, Platform Specific F90, NAG F90
SSI&T Tools	<u>COTS</u> : Ghostview, emacs, Adobe Acrobat, XEDIT, enscrip, NCSA Mosaic <u>CUSTOM</u> : Prohibited Function Checker, PCF Checker, Binary File Diff., ASCII File Diff., HDF Comparison Tool, Profiling (SGI only)
GUI Support Tools	bx, graphpak, epak
Office Tools	WABI/Office, Netscape Browser, Zmail
Custom Software Compilers	Platform Specific C, Platform Specific C++
Development Environment	Platform Specific Development Environment (e.g. Sun SparcWorks, HP Softbench, SGI CaseVision), DCE Toolkit

### ***Custom/COTS Mapping to HW Platforms at LARC***

<b>Testbed host platform at LARC</b>	<b>ECS custom executables</b>	<b>COTS</b>
SPRHW-LARC-6 (Sci. Proc.)  sprl6sgi (.larc.ecs.nasa.gov)	HDF-EOS, SDP Toolkit, Data Preprocessing, Science software, Processing support (Profiling), PGE Manager	Infrastructure, Security, SSI&T Compilers, GUI Support Tools, Custom Software Compilers, CaseVision, ClearCase Client (point to MSS-CM server), NCSA HDF, IDL, IMSL, Pure Coverage, kftp, Kerberos Client, Legato Networker Server, AutoSys Remote Agent
AITHW-LARC-1 (AIT WS)  aitl1sun	SSIT Manager GUI, PGE Registration GUI, QA Monitor, EosView, SDP Toolkit, SSI&T Tools (Custom)	Infrastructure, Security, SSI&T Compilers, SSI&T Tools (COTS), FORCHECK, GUI Support Tools, Office Tools, Custom Software Compilers, Development Environment, ClearCase Client (point to MSS-CM server), IDL, IMSL, kftp, Kerberos Client, sqr Wkbch, AutoSys, AutoXpert, AutoSys Remote Agent
AITHW-LARC-2	SSIT Manager GUI, PGE Registration	Infrastructure, Security, SSI&T Compilers, SSI&T

Testbed host platform at LARC	ECS custom executables	COTS
(AIT WS)  aitl2sun	GUI, QA Monitor, EosView, SDP Toolkit, SSI&T Tools (Custom)	Tools (COTS), DDTS (AIT copy), FORCHECK, Office Tools, Custom Software Compilers, Development Environment, ClearCase Client (point to MSS-CM server), IDL, IMSL, kftp, Kerberos Client, sqr Wkbch, AutoSys, AutoXpert, AutoSys Remote Agent
PLNHW-LARC-2 (Planning WS)  plnl2sun	Planning Workbench Application, Production Request Editor, Resource Editor, Subscription Manager, QA Monitor, EosView, SDP Toolkit	Infrastructure, Security, AutoSys, AutoXpert, AutoSys Remote Agent
PLNHW-LARC-1 (Planning & Queuing Server)  plnl1sun	Planning Workbench Application, Resource Editor, Production Request Editor, Subscription Manager, Data Manager, Execution Manager, Resource Manager, QA Monitor, EosView, SDP Toolkit	Infrastructure, Security, GUI Support Tools, Office Tools, Custom Software Compilers, Development Environment, ClearCase Client (point to krypton), Pure Coverage, DCE Time Server, Sybase SQL Server for AutoSys DB, net.h++, AutoSys, AutoXpert, AutoSys Event Processor, PDPS DB Server, AutoSys DB Server, Netscape Commerce Server, IDL
MSS-LARC-3 (CM Server) mssl3sun		Infrastructure, Security, ClearCase VOB Server, IQ Report Writer, License Server (flexlm)
MSS-LARC-1 (MSS WS) mssl1sun	CMI	Infrastructure, Security, Office Tools, DDTS, ClearCase View Server
MSS-LARC-4 (MSS Server)  mssl4hp		Infrastructure, Security, GUI Support Tools, Office Tools, Custom Compilers, Development Environment, ClearCase Client (point to krypton), HPOV (out-of-box), Pure Coverage, Perl5, DCE Time Server, Sybase SQL Server, Sybase Replication Server, ESSM (Enterprise SQL Server Manager)
CSS-LARC-1 (CSS Server) cssl1hp		Infrastructure, Security, DCE (Replicate Directory, Security and Time Servers), net.h++, Sybase SQL Server, DNS Slave for GSFC, NIS Slave
ACMHW-LARC-4 (NFS Server) acml4sgi		Infrastructure, Security, NFS Server, DNS Master Mail Server for GSFC, NIS Master, License Server (netls)